



Attorney's Docket No.: 04838-063001

1F12 2665
/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lawrence W. Yonge III Art Unit : 2665
Serial No. : 09/632,868 Examiner : Thomas E. Volper
Filed : August 4, 2000
Title : FRAME FORWARDING IN AN ADAPTIVE NETWORK

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. Applicants do not concede that the listed references are prior art.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: November 1, 2004



G. Roger Lee
Reg. No. 28,963 B N 630,175

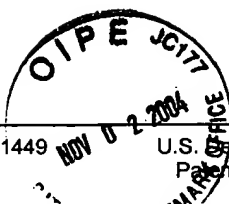
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20965396.doc

11/03/2004 CCHAU1 00000045 09632868

01 FC:1806

180.00 OP



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6778507	08/17/04	Jalali			
	AB	6747976	06/08/04	Bensaou et al.			
	AC	6671284	12/30/03	Yonge III et al.			
	AD	6667991	12/23/03	Tzannes			
	AE	6654410	11/25/03	Tzannes			
	AF	6567914	05/20/03	Just et al.			
	AG	6553534	04/22/03	Yonge III et al.			
	AH	6538985	03/25/03	Petry et al.			
	AI	6526451	02/25/03	Kasper			
	AJ	6519263	02/11/03	Huth			
	AK	6501760	12/31/02	Ohba et al.			
	AL	6487212	11/26/02	Erimli et al.			
	AM	6480489	11/12/02	Muller et al.			
	AN	6473435	10/29/02	Zhou et al.			
	AO	6466580	10/15/02	Leung			
	AP	6456649	09/24/02	Isaksson et al.			
	AQ	6434153	08/13/02	Yazaki et al.			
	AR	6430661	08/06/02	Larson et al.			
	AS	6385672	05/07/02	Wang et al.			
	AT	6370156	04/09/02	Spruyt et al.			
	AU	6363052	03/26/02	Hosein			
	AV	6343083	01/29/02	Mendelson et al.			
	AW	6334185	12/25/01	Hansson et al.			
	AX	6289000	09/11/01	Yonge, III			
	AY	6278716	08/21/01	Rubenstein et al.			
	AZ	6259696	07/10/01	Yazaki et al.			
	AAA	6252849	06/26/01	Rom et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6243449	06/05/01	Margulis et al.			
	ACC	6243386	06/05/01	Chan et al.			
	ADD	6222851	04/24/01	Petry			
	AEE	6216244	04/10/01	Myers et al.			
	AFF	6215792	04/10/01	Abi-Nassif			
	AGG	6192397	02/20/01	Thompson			
	AHH	6188717	02/13/01	Kaiser et al.			
	AII	6182147	01/30/01	Farinacci			
	AJJ	6169744	01/02/01	Grabelsky et al.			
	AKK	6151296	11/21/00	Vijayan et al.			
	ALL	6130894	10/10/00	Ojard et al.			
	AMM	6130887	10/10/00	Dutta			
	ANN	6108713	08/22/00	Sambamurthy et al.			
	AOO	6092214	07/18/00	Quoc et al.			
	APP	6076115	06/13/00	Sambamurthy et al.			
	AQQ	6052377	04/18/00	Ohmi et al.			
	ARR	6044482	03/28/00	Wong			
	ASS	6041358	03/21/00	Huang et al.			
	ATT	6044154	03/28/00	Kelly			
	AUU	6041063	03/21/00	Povlsen et al.			
	AVV	6006017	12/21/99	Joshi et al.			
	AWW	6005894	12/21/99	Kumar			
	AXX	5966412	10/12/99	Ramaswamy			
	AYY	5956338	09/21/99	Ghaibeh			
	AZZ	5948060	09/07/99	Gregg et al.			
	AAAA	5940438	08/17/99	Poon et al.			
	ABBB	5940399	08/17/99	Weizman			

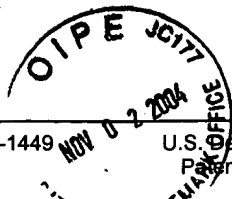
Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ACCC	5914959	06/22/99	Marchetto et al.			
	ADDD	5914932	06/22/99	Suzuki et al.			
	AEEE	5903614	05/11/99	Suzuki et al.			
	AFFF	5896561	04/20/99	Schrader et al.			
	AGGG	5892769	04/06/99	Lee			
	AHHH	5886993	03/23/99	Ruszczyk et al.			
	AIII	5884040	03/16/99	Chung			
	AJJJ	5841873	11/24/98	Lockhart et al.			
	AKKK	5841778	11/24/98	Shaffer et al.			
	ALLL	5828677	10/27/98	Sayeed et al.			
	AMMM	5825807	10/20/98	Kumar			
	ANNN	5818821	10/06/98	Schurig			
	AOOO	5812599	09/22/98	Van Kerckhove			
	APPP	5799033	08/25/98	Baggen			
	AQQQ	5793307	08/11/98	Perrault et al.			
	ARRR	5787071	07/28/98	Basso et al.			
	ASSS	5771235	06/23/98	Tang et al.			
	ATTT	5764931	06/09/98	Schmahl et al.			
	AUUU	5757770	05/26/98	Lagoutte et al.			
	AVVV	5757766	05/26/98	Sugita			
	AWWW	5745769	04/28/98	Choi			
	AXXX	5737330	04/07/98	Fulthorp et al.			
	AYYY	5732113	03/24/98	Schmidl et al.			
	AZZZ	5717689	02/10/98	Ayanoglu			
	AAAAA	5706348	01/06/98	Gray et al.			
	ABBBB	5694389	12/02/97	Seki et al.			
	ACCCC	5651009	07/22/19	Perreault et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ADDDD	5644576	07/01/19	Bauchot et al.			
	AEEEE	5636230	06/03/97	Marturano et al.			
	AFFFF	5629948	05/13/97	Hagiwara et al.			
	AGGGG	5623512	04/22/97	Sasaki			
	AHHHH	5619651	04/08/97	Young			
	AIIII	5615212	03/25/97	Ruszczyk et al.			
	AJJJJ	5612975	03/18/97	Becker et al.			
	AKKKK	5610908	03/11/97	Shelswell et al.			
	ALLLL	5568476	10/22/96	Sherer et al.			
	AMMMM	5563897	10/08/96	Pyndiah et al.			
	ANNNN	5563883	10/08/96	Cheng			
	AOOOO	5555268	09/10/96	Fattouche et al.			
	APPPP	5548649	08/20/96	Jacobson			
	AQQQQ	5541922	07/30/96	Pyhalammi			
	ARRRR	5537414	07/16/96	Takiyasu et al.			
	ASSSS	5524027	06/04/96	Huiskens			
	ATTTT	5515379	05/07/96	Crisler et al.			
	AUUUU	5504747	04/02/96	Sweazey			
	AVVVV	5488632	01/30/96	Mason et al.			
	AWWWW	5483529	01/09/96	Baggen et al.			
	AXXXX	5452322	09/19/95	Lauer			
	AYYYY	5452288	09/19/95	Rahuel et al.			
	AZZZZ	5448565	09/05/95	Chang et al.			
	AAAAAA	5436905	07/25/95	Li et al.			
	ABBBBB	5426646	06/20/95	Slack			
	ACCCCC	5416801	05/16/95	Chouly et al.			
	ADDDDD	5384777	01/24/95	Ahmadi et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AEEEEEE	5343473	08/30/94	Cidon et al.			
	AFFFFF	5339313	08/16/94	Ben-Michael et al.			
	AGGGGG	5307376	04/26/94	Castelain et al.			
	AHHHHH	5280480	01/18/19	Pitt et al.			
	AIIIII	5274629	12/28/93	Helard et al.			
	AJJJJJ	5231634	07/27/93	Giles et al.			
	AKKKKK	5228025	07/13/93	Le Floch et al.			
	ALLLLL	5214646	05/25/93	Yacoby			
	AMMMMM	5197061	03/23/93	Halbert-Lassalle et al.			
	ANNNNN	5157659	10/20/92	Schenkel			
	AOOOOC	5140584	08/18/92	Suzuki			
	APPPPP	5105423	04/14/92	Tanaka et al.			
	AQQQQQ	5081678	01/14/92	Kaufman et al.			
	ARRRRR	5046069	09/03/91	Calvignac et al.			
	ASSSSS	5003539	03/26/91	Takemoto et al.			
	ATTTTT	4943959	07/24/90	Arnold			
	AUUUUU	4881241	11/14/89	Pommier et al.			
	AVVVVV	4792947	12/20/88	Takiyasu et al.			
	AWWWWW	4726018	02/16/88	Bux et al.			
	AXXXXX	4720850	01/19/88	Oberlander et al.			
	AYYYYY	4677612	06/30/87	Olson et al.			
	AZZZZZ	4630261	12/16/86	Irvin			
	AAAAAA	4581734	04/08/86	Olson et al.			
	ABBBBB	4569044	02/04/86	Tao et al.			
	ACCCCC	3806885	04/23/74	Moore			
	ADDDDD	2004/0001499	01/01/04	Patella et al.			
	AEEEEEE	2003/0006883	01/09/03	Kim et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

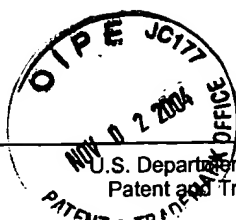
Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AFFFFFF	2003/0174664	09/18/03	Benveniste			
	AGGGGG	2003/0079169	04/24/03	Ho et al.			
	AHHHHH	2002/0191533	12/19/02	Chini et al.			
	AIIIII	2002/0065047	05/30/02	Moose			
	AJJJJJ	2002/0048368	04/25/02	Gardner			
	AKKKKK	2002/0042836	04/11/02	Mallory			
	ALLLLL	2001/0048692	12/06/01	Karner			
	MMMMM	2001/0043576	11/22/01	Terry			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	ANNNNN	02/41598	05/23/02	PCT				
	AOOOOO	98/57440	12/17/98	PCT				
	APPPPP	3413144	10/17/85	Germany				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQQQQQ	USSN 09/632,303
	ARRRRR	Sun et al., Public-key ID-based Cryptosystem, 1991, IEEE, pages 142-144
	ASSSSS	Bruschi, Danilo, Secure Multicast in Wireless Networks of Mobile Hosts: Protocols and Issues, 2002, Mobile Networks and Applications, pages 503-511
	ATTTTT	IBM, Combined use of collision resolution and collision avoidance MAC protocols, 10/1/1994, IBM Technical Disclosure Bulletin, Vol. 37, Pages 299-302 (NN9410299)
	AUUUUU	ISO/IEC 8802-3: 2002 International Standard (ANSI/IEEE Std 802.3) Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications
	AVVVVV	Bux, "Token-Ring Local-Area Networks and Their Performance," Procs. Of the IEEE, Vol. 77, No. 2, February 1989
	WWWWWW	Applied Cryptography, Second Edition: protocols, algorithms, and source code in C, Bruce Schneier, 1996
	AXXXXX	PKCS #5 v. 20: Password-Based Cryptography Standard, RSA Laboratories, March 25, 1999
	AYYYYY	HomePlug Powerline Alliance, HomePlug 1.0.1 Specification, December 1, 2001

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04838-063001	Application No. 09/632,868
	Applicant Lawrence W. Yonge III		
	Filing Date August 4, 2000	Group Art Unit 2665	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AZZZZZ	Lee et al., "HomePlug 1.0 powerline communication LANs – protocol description and performance results", Int. J. Commun. Syst., Vol. 16 (2003)
	AAAAAA	Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications, ISO/IEC 8802-3: 1996 International Standard (ANSI/IEEE Std 802.3)
	BBBBBB	Bertsekas et al., Data Networks, Prentice Hall, Englewood Cliffs, NJ, Section 2.4.3 Selective Repeat ARQ (1992)
	CCCCCC	HiPerformance Radio Local Area Network (HiperLAN) Type I: Functional Specification, European Standard (Telecommunication Series) No. 300652 V. 1.2.1 1998-07
	DDDDDD	An Architecture for Differentiated Services, IETF RFC 2475, December 1998
	EEEEEE	Goalic et al., "Real-Time Turbo-Decoding of Product Codes on a Digital Signal Processor," IEEE, pp. 624-628 (1997)
	FFFFFF	Benedetto et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pp. 1-20 (11/96)
	GGGGGG	Peterson et al., "Error-Correcting Codes," The MIT Press (1972)
	HHHHHH	Pyndiah, "Near-Optimum Decoding of Product Codes: Block Turbo Codes," IEEE Transactions on Communications, Vol. 46, No. 8, pp. 1003-1010 (08/98)
	IIIIII	Pyndiah, "Near Optimum Decoding of Product Codes," IEEE, pp. 339-343 (1994)
	AJJJJJJ	Pyndiah, "Performance of Block Turbo Coded 16-QAM and 64-QAM Modulations," IEEE, pp. 1039-1043 (1995)
	KKKKKK	Ehram et al., "A cryptographic key management scheme for implementing the Data Encryption Standard," IBM Syst J, Vol. 17, No. 2 (1978)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	